BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :DRILLING OF BOREWELLS AND PROVIDING PUMP AND MOTOR AREA IN WARD No.05

Client	Executive Engineer, Karnataka Rural Infrastructure development Ltd, #280, 59th cross road,17th 'C' Main road, 3rd 'Y' Block,Rajajinagara, Bangalore-560010.

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Bread	Depth	Quantity	Rate	Amount
From	To				(m)	(m)	(m)			
Item No.1		Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Geophysical investigation of existing Ground Wate in the vicinity, its quality & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc complete as per specifications and directions of Engineer in charge.								
		Vide Total Executed Qty From Pre Measurement Sheet Page No 1						14.00		
		Total executed Quantity						**14.00**		
					Now to be paid			**14.00**	**1938.46**	**27138.44**
Item No.2		Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work 0								
		Vide Total Executed Qty From Pre Measurement Sheet Page No 2						700.00		
		Total executed Quantity						**700.00**		
					Now to be paid			**700.00**	**315.18**	**220626.00**
Item No.3		Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work 50 to 100 m								
		Vide Total Executed Qty From Pre Measurement Sheet Page No 3						700.00		
		Total executed Quantity						**700.00**		
					Now to be paid			**700.00**	**412.00**	**288400.00**
Item No.4		Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work 100 to 150 m								

Contractor

Assistant Executive Engineer, R.R. Nagar, Sub-division, KRIDL, BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE

PMC

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Bread (m)	Depth (m)	Quantity	Rate	Amount
		Vide Total Executed Qty From Pre Measurement Sheet Page No 4						700.00		
							Total executed Quantity	**700.00**		
							Now to be paid	**700.00**	**458.35**	**320845.00**
Item No.5		Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work 150 to 200 m								
		Vide Total Executed Qty From Pre Measurement Sheet Page No 5						700.00		
							Total executed Quantity	**700.00**		
							Now to be paid	**700.00**	**484.10**	**338870.00**
Item No.6		Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work 200 to 250 m								
		Vide Total Executed Qty From Pre Measurement Sheet Page No 6						700.00		
							Total executed Quantity	**700.00**		
							Now to be paid	**700.00**	**560.32**	**392224.00**
Item No.7		Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work 250 to 300 m								
		Vide Total Executed Qty From Pre Measurement Sheet Page No 7						700.00		
							Total executed Quantity	**700.00**		
							Now to be paid	**700.00**	**600.49**	**420343.00**
Item No.8		Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work 300 to 370 m								
		Vide Total Executed Qty From Pre Measurement Sheet Page No 8						945.68		
							Total executed Qty	**945.68**		
							Now to be paid	**945.68**	**622.00**	**588212.96**

Assistant Executive Engineer, R.R. Nagar Sub-division, KRIDL, BBMP, Bangalore

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE

PMC

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Bread (m)	Depth (m)	Quantity	Rate	Amount
Item No.9		Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-								
		Vide Total Executed Qty From Pre Measurement Sheet Page No 9						816.00		
					Total executed Qty			**816.00**		
					Now to be paid			**816.00**	**1364.75**	**1113636.00**
Item No.10		Providing and fixing 250mm dia PVC Pipe and complete as per specifications and directions as per Engineer in charge of work.								
		Vide Total Executed Qty From Pre Measurement Sheet Page No 10						140.00		
					Total executed Qty			**140.00**		
					Now to be paid			**140.00**	**1133.00**	**158620.00**
Item No.11		175mm dia M.S. Casing cap complete as per specifications and directions as per Engineer in charge of work.								
Measurements taken on										
		Vinayakanagara 1st main 2nd cross	Each	1				1.00		
		Dwaraka Nagara,5th Main,4th Cross	Each	1				1.00		
		Bhagath Enclave,Kattigenahalli	Each	1				1.00		
		Agrahara L/O SLV L/O	Each	1				1.00		
		Agrahara L/O Main Road	Each	1				1.00		
		Agrahara L/O 4th Main Road 3rd Cross Near	Each	1				1.00		
		Krishna nagara Main Road,Kogilu,	Each	1				1.00		
		Agrahara L/O 6th Main Road 11th cross	Each	1				1.00		
		Balaji L/O, Kogilu	Each	1				1.00		
		Prakruthi L/O, 6th Cross 1st main Kogilu	Each	1				1.00		
		Prakruthi Badavane, near overhead tank	Each	1				1.00		
		Krishna nagara,2nd cross	Each	1				1.00		
		Kogilu L/o 1st main road 8th cross	Each	1				1.00		
		Srirampura Kalyana mantapa front	Each	1				1.00		
					Total executed Quantity			**14.00**		

Contractor

Assistant Executive Engineer, R.R. Nagar, Sub-division, KRIDL, BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE

PMC

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Bread (m)	Depth (m)	Quantity	Rate	Amount
							Now to be paid	**14.00**	**103.00**	**1442.00**
Item No.12		M.S. Casing pipe collars 'C' Class complete as per specifications and directions as per Engineer in charge of work.								
		Vide Total Executed Qty From Pre Measurement Sheet Page No						136.00		
							Total executed Qty	**136.00**		
							Now to be paid	**136.00**	**154.50**	**21012.00**
Item No.13		Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work.								
Measurements taken on										
		Shivapura 5th cross	Sqcm	1	1100.0	20.0		22000.0		
		Dwaraka Nagara,5th Main,4th Cross	Sqcm	1	1100.0	20.0		22000.0		
		Bhagath Enclave,Kattigenahalli	Sqcm	1	1100.0	20.0		22000.0		
		Agrahara L/O SLV L/O	Sqcm	1	1100.0	20.0		22000.0		
		Agrahara L/O Main Road	Sqcm	1	1100.0	20.0		22000.0		
		Agrahara L/O 4th Main Road 3rd Cross Near	Sqcm	1	1100.0	20.0		22000.0		
		Krishna nagara Main Road,Kogilu,	Sqcm	1	1100.0	20.0		22000.0		
		Agrahara L/O 6th Main Road 11th cross	Sqcm	1	1100.0	20.0		22000.0		
		Balaji L/O, Kogilu	Sqcm	1	1100.0	20.0		22000.0		
		Prakruthi L/O, 6th Cross 1st main Kogilu	Sqcm	1	1100.0	20.0		22000.0		
		Prakruthi Badavane, near overhead tank	Sqcm	1	1100.0	20.0		22000.0		
		Krishna nagara,2nd cross	Sqcm	1	1100.0	20.0		22000.0		
		Kogilu L/o 1st main road 8th cross	Sqcm	1	1100.0	20.0		22000.0		
		Srirampura Kalyana mantapa front	Sqcm	1	1100.0	20.0		22000.0		
							Total executed Qty	**308000.0**		
							Now to be paid	**308000.0**	**0.34**	**104720.00**

Contractor

Assistant Executive Engineer, R.R. Nagar, Sub-division, KRIDL, BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Bread (m)	Depth (m)	Quantity	Rate	Amount
Item No.14		Labour charges for erection as new /repaired submercible pumpset allong with GI pipe (32/50mm) cable (new submercible pumpset if required will be supplied by the department free of cost and released pumpset shoud be handed over to department including transportation (Each lenth =6.00) complete as per specifications and directions as per Engineer in charge of work.								
		Vide Total Executed Qty From Pre Measurement Sheet Page No 12						780.00		
							Total executed Qty	**780.00**		
							Now to be paid	**780.00**	**90.64**	**70699.20**
Item No.15		Erection of combined panel board meter board with all necessary materials and labour including providing CC 1:3:6 foundation bed etc,. Complete for basement out door type.(MR) complete as per specifications and directions as per Engineer in charge of work.								
Measurements taken on										
		Shivapura 5th cross	Nos	1				1.00		
		Dwaraka Nagara,5th Main,4th Cross	Nos	1				1.00		
		Bhagath Enclave,Kattigenahalli	Nos	1				1.00		
		Agrahara L/O SLV L/O	Nos	1				1.00		
		Agrahara L/O Main Road	Nos	1				1.00		
		Agrahara L/O 4th Main Road 3rd Cross Near	Nos	1				1.00		
		Krishna nagara Main Road,Kogilu,	Nos	1				1.00		
		Agrahara L/O 6th Main Road 11th cross	Nos	1				1.00		
		Balaji L/O, Kogilu	Nos	1				1.00		
		Prakruthi L/O, 6th Cross 1st main Kogilu	Nos	1				1.00		
		Prakruthi Badavane, near overhead tank	Nos	1				1.00		
		Krishna nagara,2nd cross	Nos	1				1.00		
		Kogilu L/o 1st main road 8th cross	Nos	1				1.00		
		Srirampura Kalyana mantapa front	Nos	1				1.00		
							Total executed Qty	**14.00**		
							Now to be paid	**14.00**	**475.00**	**6650.00**

Contractor

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Bread (m)	Depth (m)	Quantity	Rate	Amount
Item No.16		Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc.,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work.								
Measurements taken on										
		Shivapura 5th cross	Nos	1	3.00			3.00		
		Dwaraka Nagara,5th Main,4th Cross	Nos	1	3.00			3.00		
		Bhagath Enclave,Kattigenahalli	Nos	1	3.00			3.00		
		Agrahara L/O SLV L/O	Nos	1	3.00			3.00		
		Agrahara L/O Main Road	Nos	1	3.00			3.00		
		Agrahara L/O 4th Main Road 3rd Cross Near	Nos	1	3.00			3.00		
		Krishna nagara Main Road,Kogilu,	Nos	1	3.00			3.00		
		Agrahara L/O 6th Main Road 11th cross	Nos	1	3.00			3.00		
		Balaji L/O, Kogilu	Nos	1	3.00			3.00		
		Prakruthi L/O, 6th Cross 1st main Kogilu	Nos	1	3.00			3.00		
		Prakruthi Badavane, near overhead tank	Nos	1	3.00			3.00		
		Krishna nagara,2nd cross	Nos	1	3.00			3.00		
		Kogilu L/o 1st main road 8th cross	Nos	1	3.00			3.00		
		Srirampura Kalyana mantapa front	Nos	1	3.00			3.00		
					Total executed Qty			**42.00**		
					Now to be paid			**42.00**	**150.00**	**6300.00**
Item No.17		Supplying and laying of LT UG cable having aluminum conductor PVC insulated sheathed, galvanized, steel wire/steel tape armoured cable with PVC outer sheathing 1.1 KV class 4 core 16 sqmm cable complete as per specifications and directions as per Engineer in charge of work.								
		Vide Total Executed Qty From Pre Measurement Sheet Page No 13						490.00		
					Total executed Qty			**490.00**		
					Now to be paid			**490.00**	**169.95**	**83275.50**
Item No.18		Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete sutting road surfaces complete as per specifications and directions as per								
		Vide Total Executed Qty From Pre Measurement Sheet Page No 14						490.00		
					Total executed Qty			**490.00**		

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Bread (m)	Depth (m)	Quantity	Rate	Amount
							Now to be paid	**490.00**	**56.65**	**27758.50**
Item No.19		Supplying and fixing of class A GI pipe on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class 40mm complete as per specifications and directions as per Engineer in charge								
Measurements taken on										
		Shivapura 5th cross	Mtr	1	3.00			3.00		
		Dwaraka Nagara,5th Main,4th Cross	Mtr	1	3.00			3.00		
		Bhagath Enclave,Kattigenahalli	Mtr	1	3.00			3.00		
		Agrahara L/O SLV L/O	Mtr	1	3.00			3.00		
		Agrahara L/O Main Road	Mtr	1	3.00			3.00		
		Agrahara L/O 4th Main Road 3rd Cross Near	Mtr	1	3.00			3.00		
		Krishna nagara Main Road,Kogilu,	Mtr	1	3.00			3.00		
		Agrahara L/O 6th Main Road 11th cross	Mtr	1	3.00			3.00		
		Balaji L/O, Kogilu	Mtr	1	3.00			3.00		
		Prakruthi L/O, 6th Cross 1st main Kogilu	Mtr	1	3.00			3.00		
		Prakruthi Badavane, near overhead tank	Mtr	1	3.00			3.00		
		Krishna nagara,2nd cross	Mtr	1	3.00			3.00		
		Kogilu L/o 1st main road 8th cross	Mtr	1	3.00			3.00		
		Srirampura Kalyana mantapa front	Mtr	1	3.00			3.00		
							Total executed Qty	**42.00**		
							Now to be paid	**42.00**	**294.58**	**12372.36**
Item No.20		Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit … The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia, complete as per specifications and directions as per Engineer in charge of work.									
		Vide Total Executed Qty From Pre Measurement Sheet Page No 15						14.00		
							Total executed Qty	**14.00**		
							Now to be paid	**14.00**	**1699.50**	**23793.00**

Contractor

Assistant Executive Engineer, R.R. Nagar, Sub-division, KRIDL, BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE

PMC

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Bread (m)	Depth (m)	Quantity	Rate	Amount
Item No.21		Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class 16sqmmUG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc complete as per specifications and directions as per Engineer in charge of work.								
Measurements taken on										
		Shivapura 5th cross	Nos	1				1.00		
		Dwaraka Nagara,5th Main,4th Cross	Nos	1				1.00		
		Bhagath Enclave,Kattigenahalli	Nos	1				1.00		
		Agrahara L/O SLV L/O	Nos	1				1.00		
		Agrahara L/O Main Road	Nos	1				1.00		
		Agrahara L/O 4th Main Road 3rd Cross Near	Nos	1				1.00		
		Krishna nagara Main Road,Kogilu,	Nos	1				1.00		
		Agrahara L/O 6th Main Road 11th cross	Nos	1				1.00		
		Balaji L/O, Kogilu	Nos	1				1.00		
		Prakruthi L/O, 6th Cross 1st main Kogilu	Nos	1				1.00		
		Prakruthi Badavane, near overhead tank	Nos	1				1.00		
		Krishna nagara,2nd cross	Nos	1				1.00		
		Kogilu L/o 1st main road 8th cross	Nos	1				1.00		
		Srirampura Kalyana mantapa front	Nos	1				1.00		
					Total executed Qty			**14.00**		
					Now to be paid			**14.00**	**271.92**	**3806.88**
Item No.22		Supplying and fixing of polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc.,Size 20 x 20 x 2.5 inches with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work.								
Measurements taken on										
		Shivapura 5th cross	Nos	1				1.00		
		Dwaraka Nagara,5th Main,4th Cross	Nos	1				1.00		
		Bhagath Enclave,Kattigenahalli	Nos	1				1.00		

Contractor

Assistant Executive Engineer, R.R. Nagar, Sub-division, KRIDL, BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Bread	Depth	Quantity	Rate	Amount
From	To				(m)	(m)	(m)			
		Agrahara L/O SLV L/O	Nos	1				1.00		
		Agrahara L/O Main Road	Nos	1				1.00		
		Agrahara L/O 4th Main Road 3rd Cross Near	Nos	1				1.00		
		Krishna nagara Main Road,Kogilu,	Nos	1				1.00		
		Agrahara L/O 6th Main Road 11th cross	Nos	1				1.00		
		Balaji L/O, Kogilu	Nos	1				1.00		
		Prakruthi L/O, 6th Cross 1st main Kogilu	Nos	1				1.00		
		Prakruthi Badavane, near overhead tank	Nos	1				1.00		
		Krishna nagara,2nd cross	Nos	1				1.00		
		Kogilu L/o 1st main road 8th cross	Nos	1				1.00		
		Srirampura Kalyana mantapa front	Nos	1				1.00		
							Total executed Qty	**14.00**		
							Now to be paid	**14.00**	**311.58**	**4362.12**
Item No.23		Borewell Cap and Clamp Set complete as per specifications and directions as per Engineer in charge of work.								
Measurements taken on										
		Vinayakanagara 1st main 2nd cross	Set	1				1.00		
		Dwaraka Nagara,5th Main,4th Cross	Set	1				1.00		
		Bhagath Enclave,Kattigenahalli	Set	1				1.00		
		Agrahara L/O SLV L/O	Set	1				1.00		
		Agrahara L/O Main Road	Set	1				1.00		
		Agrahara L/O 4th Main Road 3rd Cross Near	Set	1				1.00		
		Krishna nagara Main Road,Kogilu,	Set	1				1.00		
		Agrahara L/O 6th Main Road 11th cross	Set	1				1.00		
		Balaji L/O, Kogilu	Set	1				1.00		
		Prakruthi L/O, 6th Cross 1st main Kogilu	Set	1				1.00		
		Prakruthi Badavane, near overhead tank	Set	1				1.00		

11.00

Contractor

Assistant Executive Engineer, R.R. Nagar, Sub-division, KRIDL, BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Bread (m)	Depth (m)	Quantity	Rate	Amount
		Krishna nagara,2nd cross	Set	1				1.00		
		Kogilu L/o 1st main road 8th cross	Set	1				1.00		
		Srirampura Kalyana mantapa front	Set	1				1.00		
							Total executed Qty	**14.00**		
							Now to be paid	**14.00**	**1800.00**	**25200.00**
Item No.24		Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 17.50 HP 30 stage complete as per specifications and directions as per Engineer in charge of work.								
		Vide Total Executed Qty From Pre Measurement Sheet Page No 16						8.00		
							Total executed Qty	**8.00**		
							Now to be paid	**8.00**	**72126.00**	**577008.00**
Item No.25		Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 20 HP 40 stage complete as per specifications and directions as per Engineer in charge of work.								
		Vide Total Executed Qty From Pre Measurement Sheet Page No 17						6.00		
							Total executed Qty	**6.00**		
							Now to be paid	**6.00**	**90595.00**	**543570.00**
Item No.26		Providing, laying & joining GI pipes confirming to IS specification of approved make with fittings such as collars bends elbows tees nipples plugs with cuts threads using white lead & threads for joints wherever necessary as per direction including all lead & lift etc,. complete 'A' grade(excluding cost of fittings) 50mm dia GI pipe B Class complete as per specifications and directions as per Engineer in charge of work.								
		Vide Total Executed Qty From Pre Measurement Sheet Page No 18						4680.00		
							Total executed Qty	**4680.00**		
							Now to be paid	**4680.00**	**415.00**	**1942200.00**
Item No.27		Supply and fixing Collar for GI Pipes 50MM complete as per specifications and directions as per Engineer in charge of work.								
		Vide Total Executed Qty From Pre Measurement Sheet Page No 19						780.00		
							Total executed Qty	**780.00**		
							Now to be paid	**780.00**	**180.00**	**140400.00**

Contractor

Assistant Executive Engineer, R.R. Nagar, Sub-division, KRIDL, BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Bread (m)	Depth (m)	Quantity	Rate	Amount
Item No.28		Supplying of submersible pump cable 1X3X6 Sqmm complete as per specifications and directions as per Engineer in charge of work.								
		Vide Total Executed Qty From Pre Measurement Sheet Page No 20						9644.00		
							Total executed Qty	**9644.00**		
							Now to be paid	**9644.00**	**144.00**	**1388736.00**
Item No.29		Supplying & delivery at site brand new / Essen / lotus sunsines/Adarsh/Gk controls best indigenous make combine energy meter-cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph,50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the door canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz,380/440 AC supply shall be consisted etc., completed T panel board shall be fabricated on single unit in the above components panel board for suitable pumpset above components panel board for suitable pumpset above Up to 20HP with star delta starter (MR) complete as per specifications and directions as per Engineer in charge of work.								
Measurements taken on										
		Shivapura 5th cross	No	1				1.00		
		Dwaraka Nagara,5th Main,4th Cross	No	1				1.00		
		Bhagath Enclave,Kattigenahalli	No	1				1.00		
		Agrahara L/O SLV L/O	No	1				1.00		
		Agrahara L/O Main Road	No	1				1.00		
		Agrahara L/O 4th Main Road 3rd Cross Near	No	1				1.00		
		Krishna nagara Main Road,Kogilu,	No	1				1.00		
		Agrahara L/O 6th Main Road 11th cross	No	1				1.00		
		Balaji L/O, Kogilu	No	1				1.00		
		Prakruthi L/O, 6th Cross 1st main Kogilu	No	1				1.00		
		Prakruthi Badavane, near overhead tank	No	1				1.00		
		Krishna nagara,2nd cross	No	1				1.00		
		Kogilu L/o 1st main road 8th cross	No	1				1.00		
		Srirampura Kalyana mantapa front	No	1				1.00		
							Total executed Qty	**14.00**		
							Now to be paid	**14.00**	**21000.00**	**294000.00**

Contractor

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Bread (m)	Depth (m)	Quantity	Rate	Amount
Item No.30		Supplying & delivery of brand 50mm Gate Valve complete as per specifications and directions as per Engineer in charge of work.								
Measurements taken on										
		Shivapura 5th cross	No	1				1.00		
		Dwaraka Nagara,5th Main,4th Cross	No	1				1.00		
		Bhagath Enclave,Kattigenahalli	No	1				1.00		
		Agrahara L/O SLV L/O	No	1				1.00		
		Agrahara L/O Main Road	No	1				1.00		
		Agrahara L/O 4th Main Road 3rd Cross Near	No	1				1.00		
		Krishna nagara Main Road,Kogilu,	No	1				1.00		
		Agrahara L/O 6th Main Road 11th cross	No	1				1.00		
		Balaji L/O, Kogilu	No	1				1.00		
		Prakruthi L/O, 6th Cross 1st main Kogilu	No	1				1.00		
		Prakruthi Badavane, near overhead tank	No	1				1.00		
		Krishna nagara,2nd cross	No	1				1.00		
		Kogilu L/o 1st main road 8th cross	No	1				1.00		
		Srirampura Kalyana mantapa front	No	1				1.00		
					Total executed Qty			**14.00**		
					Now to be paid			**14.00**	**1800.00**	**25200.00**
Item No.31		Supplying & delivery of brand 50mm Non Return Valve complete as per specifications and directions as per Engineer in charge of work.								
Measurements taken on										
		Shivapura 5th cross	No	1				1.00		
		Dwaraka Nagara,5th Main,4th Cross	No	1				1.00		
		Bhagath Enclave,Kattigenahalli	No	1				1.00		
		Agrahara L/O SLV L/O	No	1				1.00		

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RUDRAPRASAD CONSULTANTS BANGALORE PMC

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer, R.R. Nagar, Sub-division, KRIDL, BBMP, Bangalore

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Bread	Depth	Quantity	Rate	Amount
From	To				(m)	(m)	(m)			
		Agrahara L/O Main Road	No	1				1.00		
		Agrahara L/O 4th Main Road 3rd Cross Near	No	1				1.00		
		Krishna nagara Main Road,Kogilu,	No	1				1.00		
		Agrahara L/O 6th Main Road 11th cross	No	1				1.00		
		Balaji L/O, Kogilu	No	1				1.00		
		Prakruthi L/O, 6th Cross 1st main Kogilu	No	1				1.00		
		Prakruthi Badavane, near overhead tank	No	1				1.00		
		Krishna nagara,2nd cross	No	1				1.00		
		Kogilu L/o 1st main road 8th cross	No	1				1.00		
		Srirampura Kalyana mantapa front	No	1				1.00		
							Total executed Qty	**14.00**		
							Now to be paid	**14.00**	**1800.00**	**25200.00**

Item No.32	Supplying and fixing MCB complete as per specifications and directions as per Engineer in charge of work.
Measurements taken on	

		Shivapura 5th cross	No	1				1.00		
		Dwaraka Nagara,5th Main,4th Cross	No	1				1.00		
		Bhagath Enclave,Kattigenahalli	No	1				1.00		
		Agrahara L/O SLV L/O	No	1				1.00		
		Agrahara L/O Main Road	No	1				1.00		
		Agrahara L/O 4th Main Road 3rd Cross Near	No	1				1.00		
		Krishna nagara Main Road,Kogilu,	No	1				1.00		
		Agrahara L/O 6th Main Road 11th cross	No	1				1.00		
		Balaji L/O, Kogilu	No	1				1.00		
		Prakruthi L/O, 6th Cross 1st main Kogilu	No	1				1.00		
		Prakruthi Badavane, near overhead tank	No	1				1.00		
		Krishna nagara,2nd cross	No	1				1.00		

Assistant Executive Engineer, R.R. Nagar, Sub-division, KRIDL, BBMP, Bangalore

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE

PMC

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Bread (m)	Depth (m)	Quantity	Rate	Amount
		Kogilu L/o 1st main road 8th cross	No	1				1.00		
		Srirampura Kalyana mantapa front	No	1				1.00		
							Total executed Qty	**14.00**		
							Now to be paid	**14.00**	**900.00**	**12600.00**
Item No.33		Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in Ordinary soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications and directions as per Engineer in charge of work.								
		Vide Total Executed Qty From Pre Measurement Sheet Page No 21-27						2158.74		
							Total executed Qty	**2158.74**		
							Now to be paid	**2158.74**	**316.94**	**684191.06**
Item No.34		Providing and installing at site of work 63mm (0.662) PVC Pipes of 6kg / cm2 including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including joining of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not less than 15cms with gravel or selected earth available from the excavation etc., complete as per specifications and directions as per Engineer in charge of work.								
		Vide Total Executed Qty From Pre Measurement Sheet Page No 28-34						4797.20		
							Total executed Qty	**4797.20**		
							Now to be paid	**4797.20**	**394.32**	**1891631.90**
Item No.35		Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications and directions of Engineer in charge.								
		Vide Total Executed Qty From Pre Measurement Sheet Page No 35-39						2158.74		
							Total executed Qty	**2158.74**		
							Now to be paid	**2158.74**	**128.26**	**276879.99**
Item No.36		**BESCOM CHARGES**								
		Dwaraka Nagara,5th Main,4th Cross								
		2 MMD to be for 1 Nos(of 0 KW and 17.5 HP) installation	Rs	1				1	16000	**16000.00**
		MSD Amount	Rs	1				1	2211	**2211.00**
		Bhagath Enclave,Kattigenahalli								
		2 MMD to be for 1 Nos(of 0 KW and 17.5 HP) installation	Rs	1				1	16000	**16000.00**
		MSD Amount	Rs	1				1	2211	**2211.00**

36422.00

Assistant Executive Engineer, R.R.Nagar, Sub-division, KRIDL, BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Bread	Depth	Quantity	Rate	Amount
From	To				(m)	(m)	(m)			
		Agrahara L/O SLV L/O								
		2 MMD to be for 1 Nos(of 0 KW and 20 HP) installation	Rs	1				1	18280	**18280.00**
		MSD Amount	Rs	1				1	2020	**2020.00**
		Agrahara L/O Main Road								
		2 MMD to be for 1 Nos(of 0 KW and 17.5 HP) installation	Rs	1				1	16000	**16000.00**
		MSD Amount	Rs	1				1	2020	**2020.00**
		Agrahara L/O 4th Main Road 3rd Cross Near Aganavadi								
		2 MMD to be for 1 Nos(of 0 KW and 20 HP) installation	Rs	1				1	18280	**18280.00**
		MSD Amount	Rs	1				1	2020	**2020.00**
		Krishna Nagara main road,Kogilu								
		2 MMD to be for 1 Nos(of 0 KW and 17.5 HP) installation	Rs	1				1	16000	**16000.00**
		MSD Amount	Rs	1				1	2211	**2211.00**
		Agrahara L/O 6th Main Road 11th cross								
		2 MMD to be for 1 Nos(of 0 KW and 17.5 HP) installation	Rs	1				1	16000	**16000.00**
		MSD Amount	Rs	1				1	2020	**2020.00**
		Balaji L/O, Kogilu								
		2 MMD to be for 1 Nos(of 0 KW and 17.5 HP) installation	Rs	1				1	16000	**16000.00**
		MSD Amount	Rs	1				1	2211	**2211.00**
		Prakruthi L/O, 6th Cross 1st main Kogilu								
		2 MMD to be for 1 Nos(of 0 KW and 20 HP) installation	Rs	1				1	18280	**18280.00**
		MSD Amount	Rs	1				1	2211	**2211.00**
		Prakruthi Badavane, near overhead tank								

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Assistant Executive Engineer, R.R. Nagar, Sub-division, KRIDL, BBMP, Bangalore

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE

PMC

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage in m		Description of Item	Unit	No	Length	Bread	Depth	Quantity	Rate	Amount
From	To				(m)	(m)	(m)			
		2 MMD to be for 1 Nos(of 0 KW and 17.5 HP) installation	Rs	1				1	16000	**16000.00**
		MSD Amount	Rs	1				1	2211	**2211.00**
		Krishna nagara,2nd cross								
		2 MMD to be for 1 Nos(of 0 KW and 20 HP) installation	Rs	1				1	18280	**18280.00**
		MSD Amount	Rs	1				1	2211	**2211.00**
		Kogilu L/o 1st main road 8th cross								
		2 MMD to be for 1 Nos(of 0 KW and 20 HP) installation	Rs	1				1	18280	**18280.00**
		MSD Amount	Rs	1				1	2020	**2020.00**
									Sub Total Amount	**228977.00**
									Tender Amount	**203000.00**
									Amount Limited to	**203000.00**
									Total of Other SR Items including GST Unit Rate	**4235107**
									Total of PWD SR 2018-19 Items	**8029816.95**
									Total	**12264923.91**
									Add 12% GST for Only PWD SR 2018-19 items	**963578.03**
									Add 3% KRIDL Charges	**367947.72**
									Add 1% Labour Cess	**122649.24**
									Grand Total	**13719098.90**

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23/01/2020

23/1/2020

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer